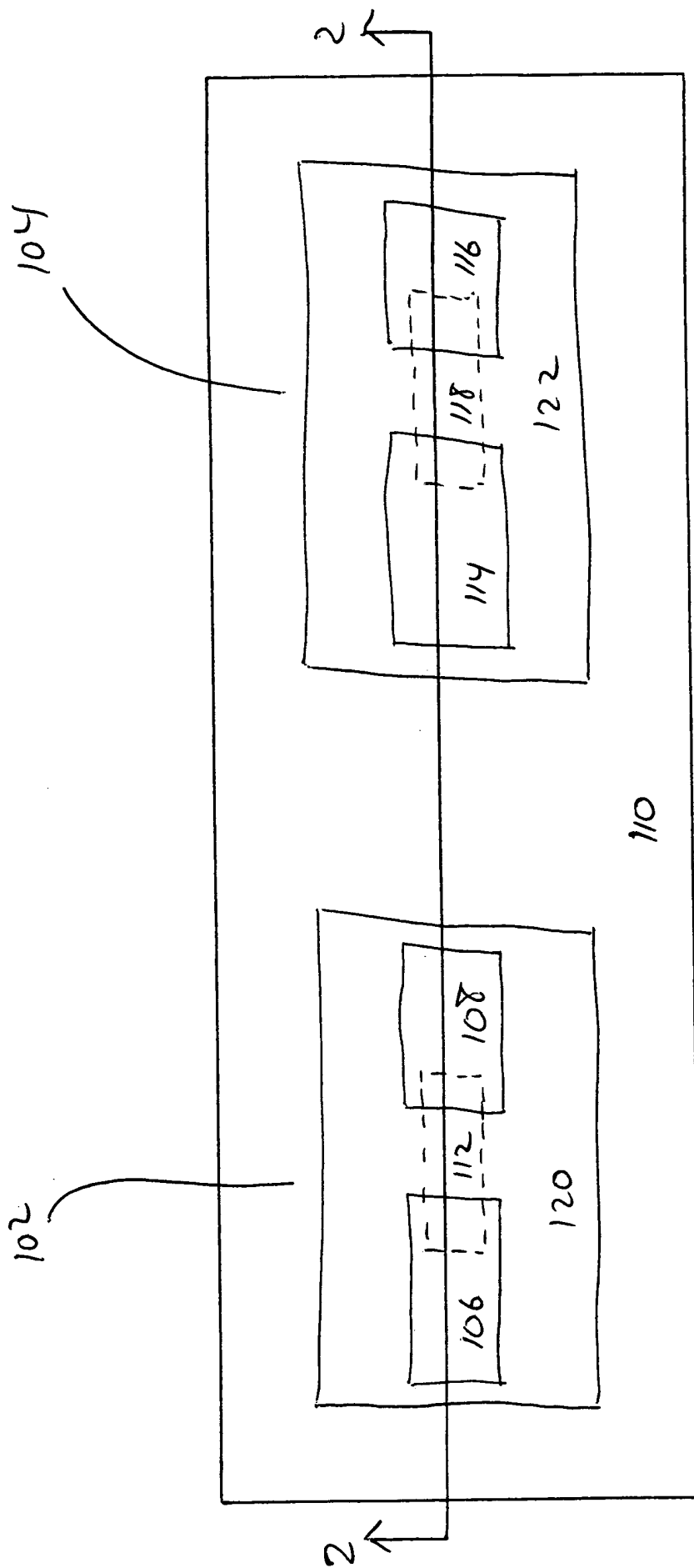


FIG. 7

100



100 →

FIG. 2

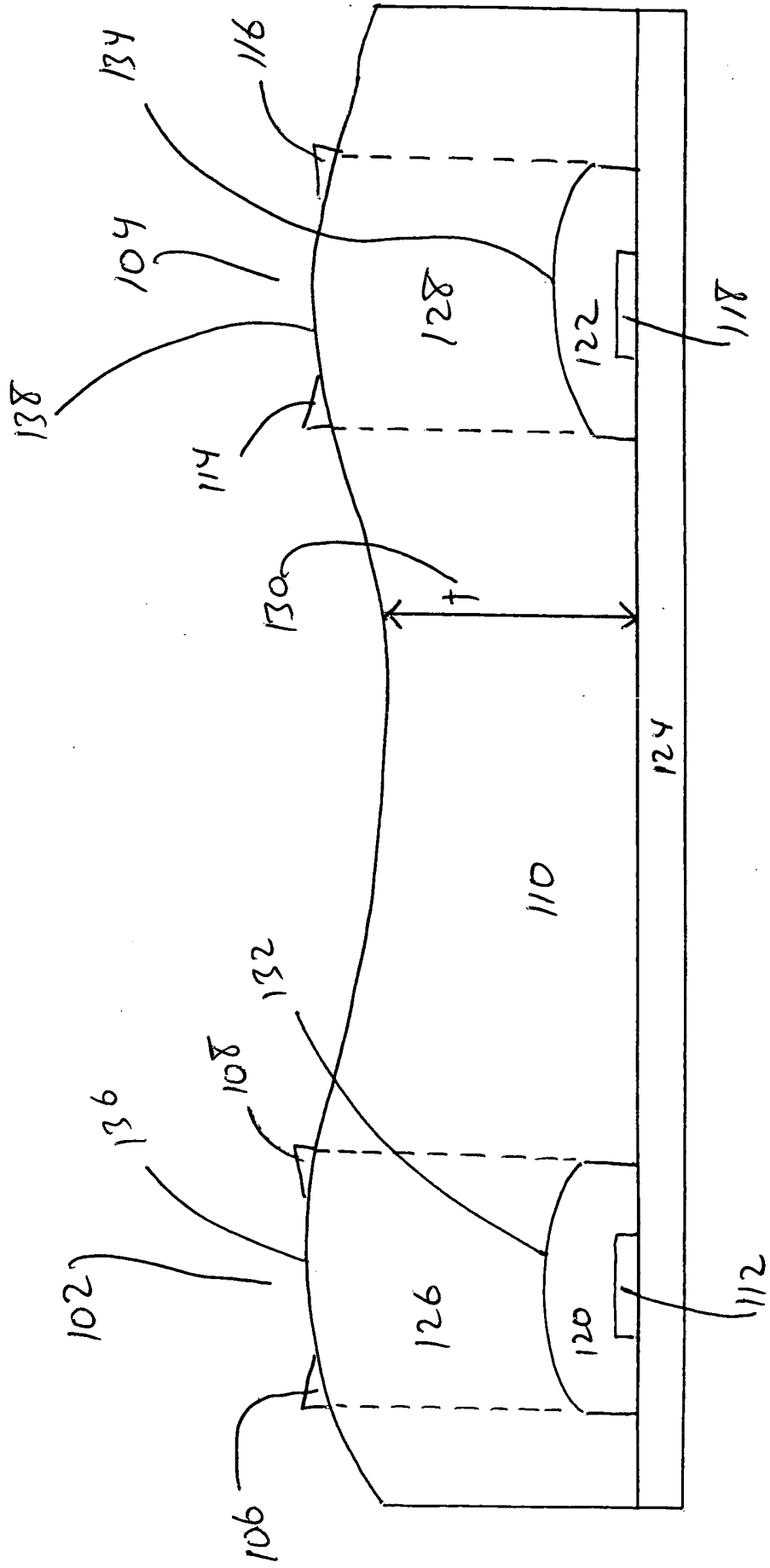


Fig. 3

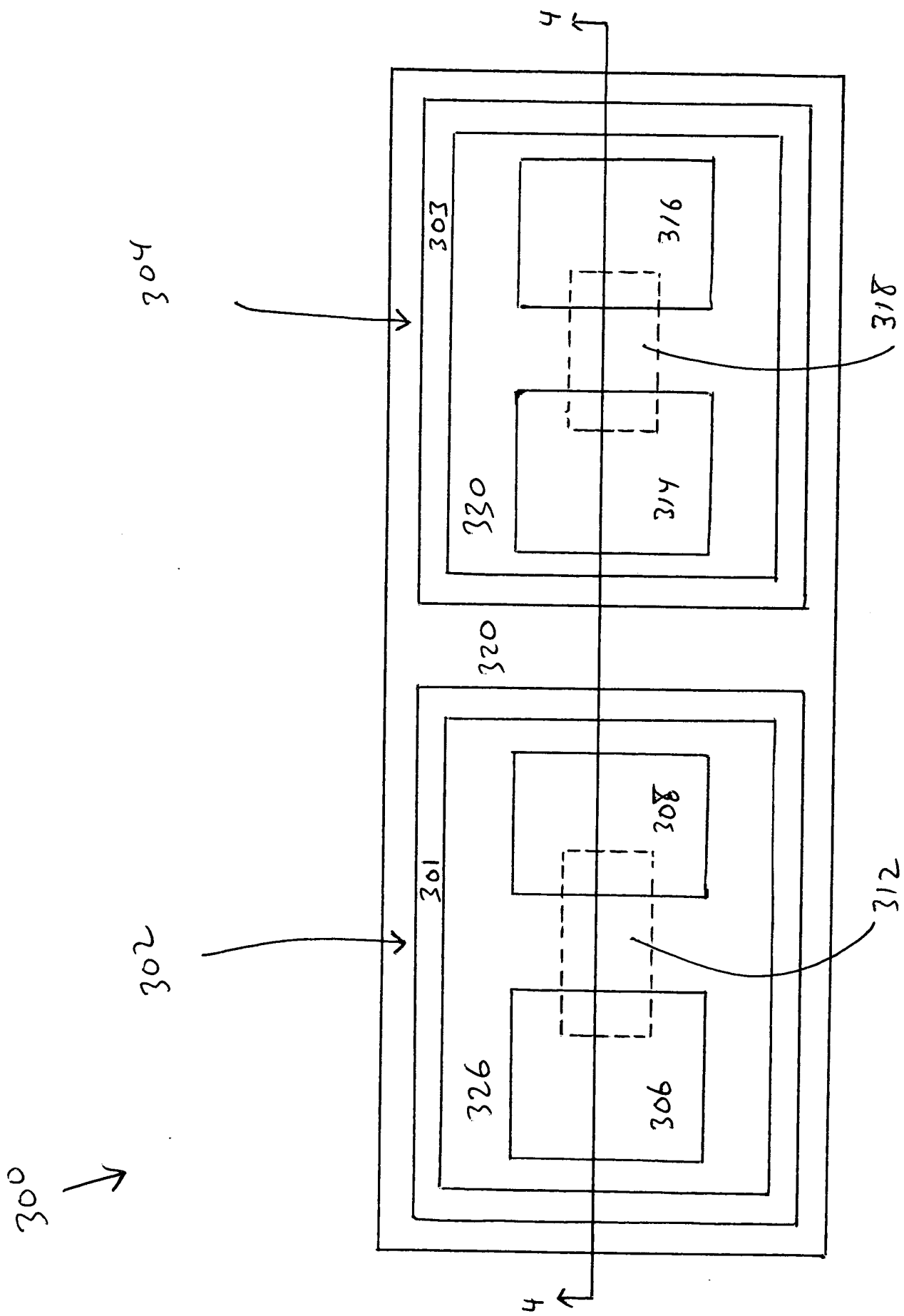


FIG. 4

300

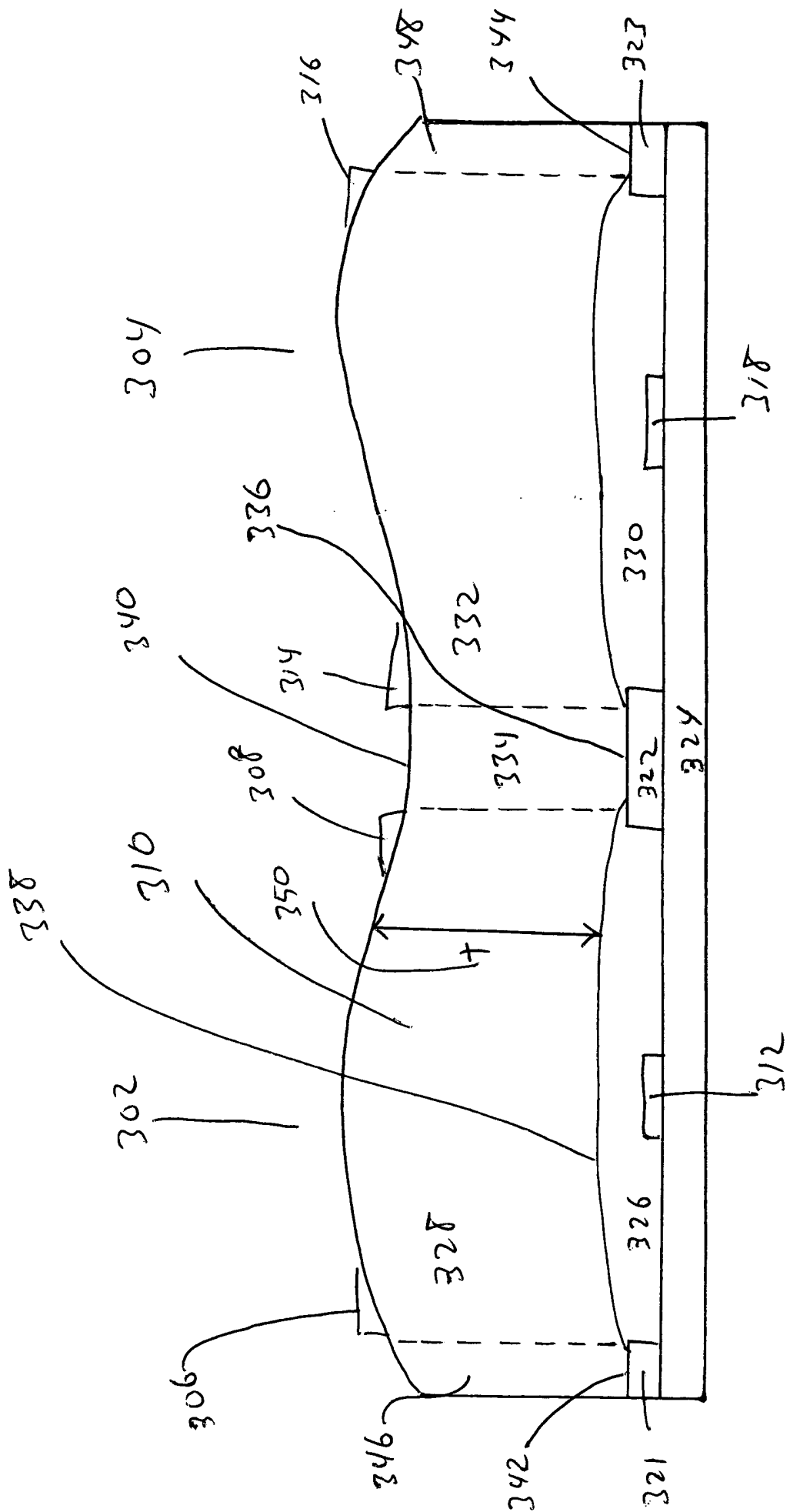
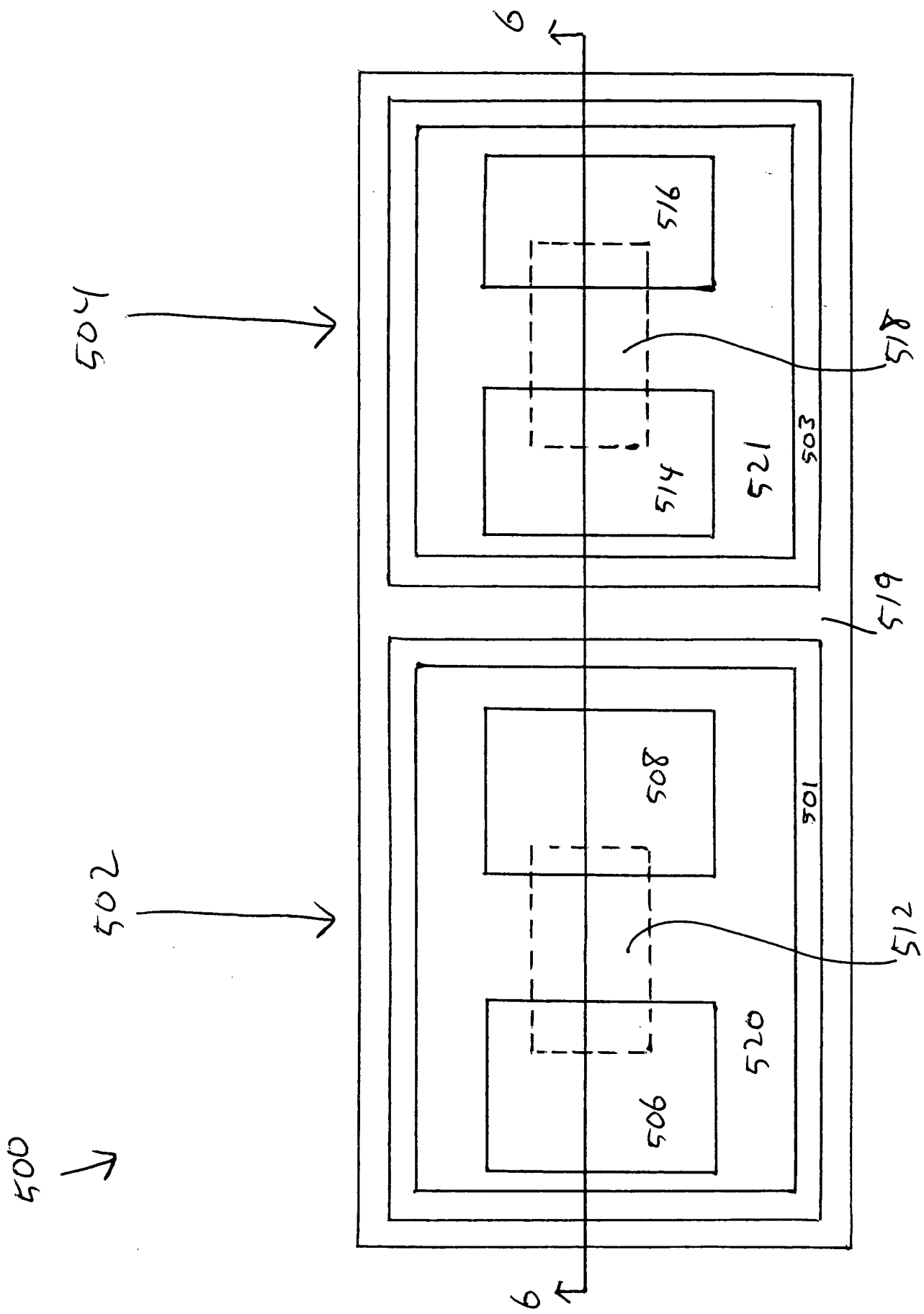
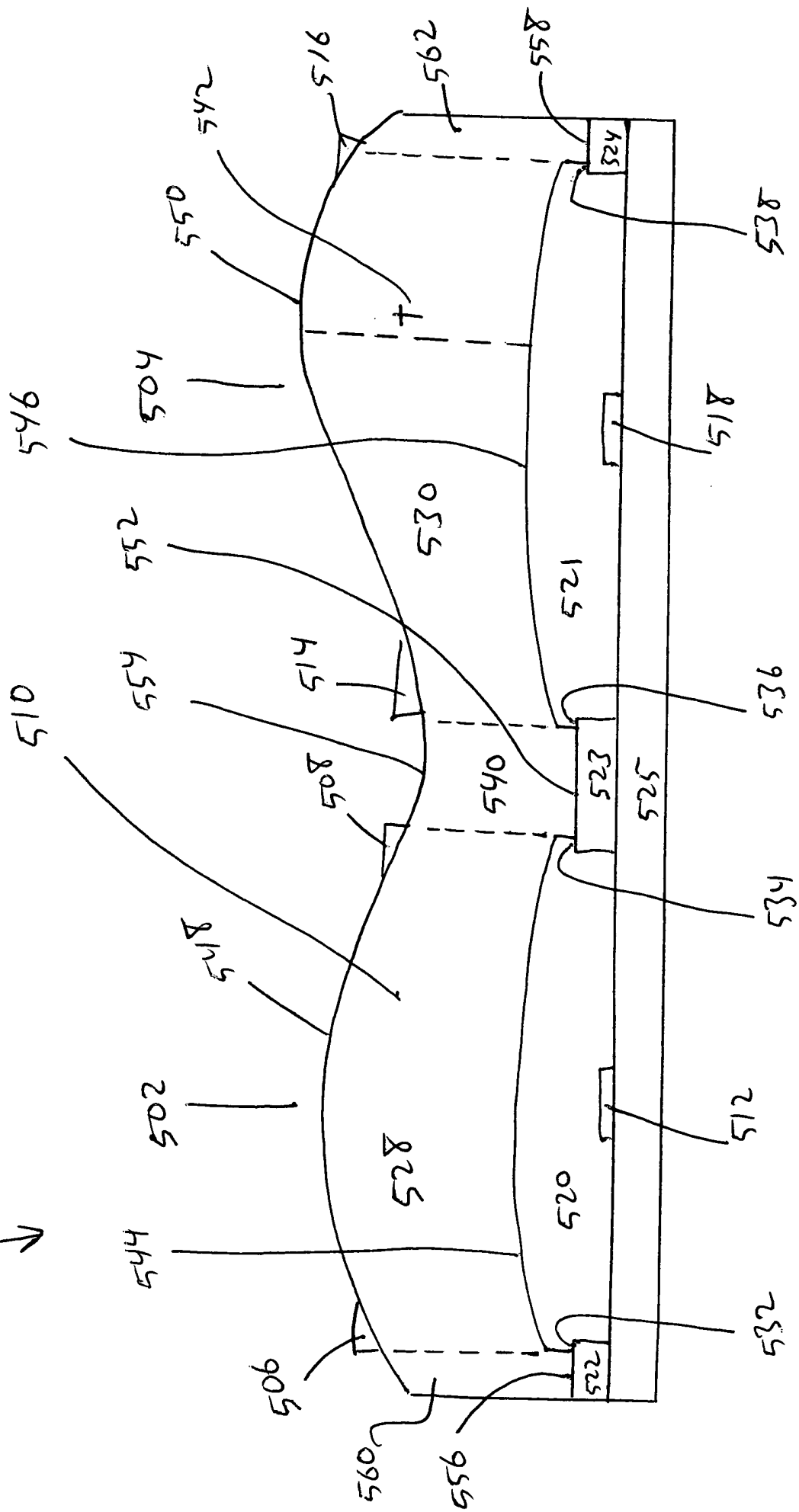


FIG. 5



500

FIG. 6



700

FIG. 7

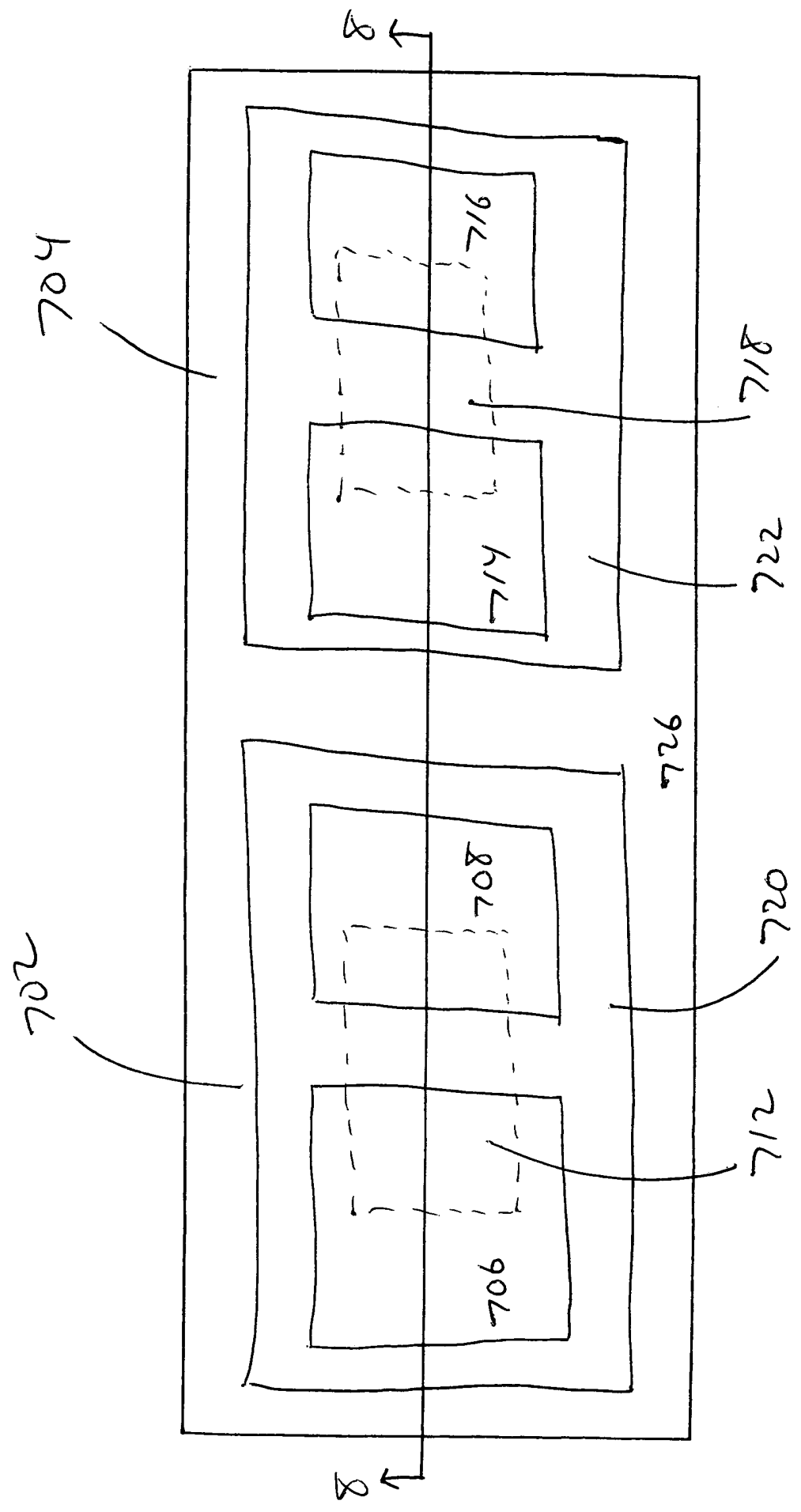
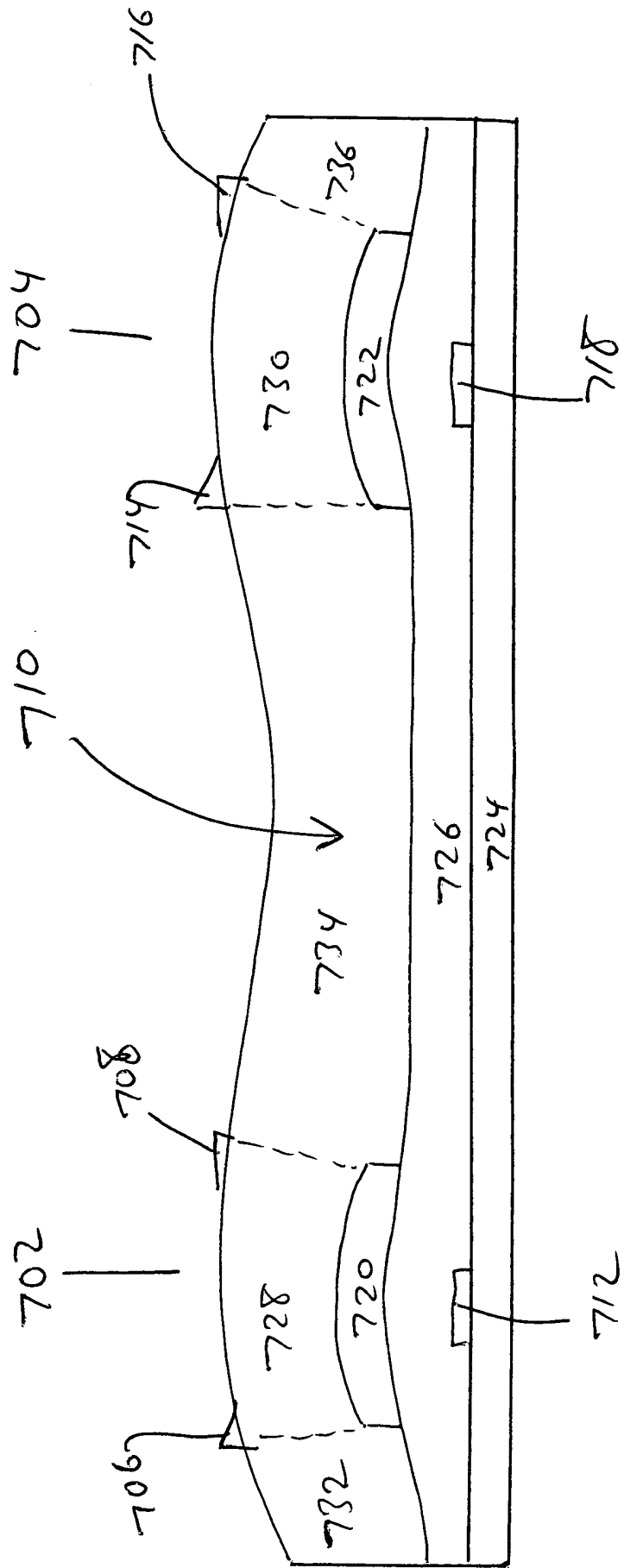


FIG. 8

700
↓



900

FIG. 9

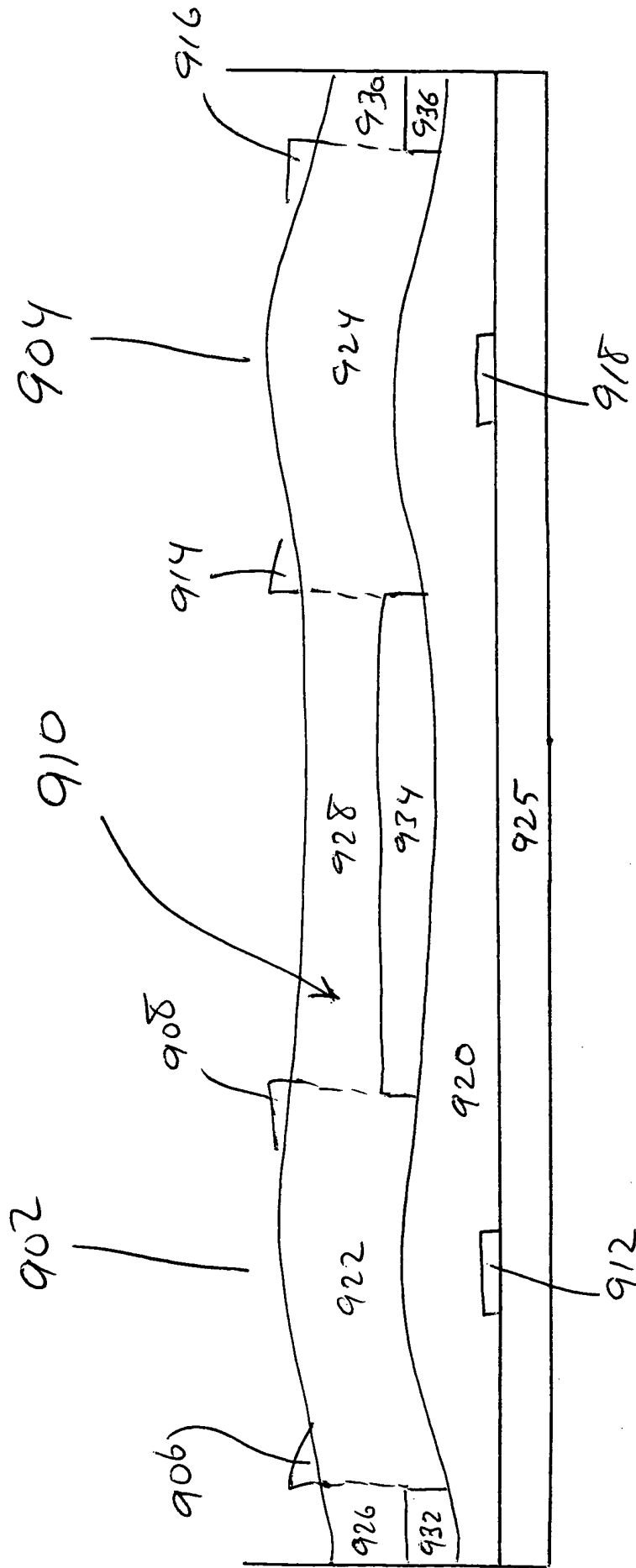
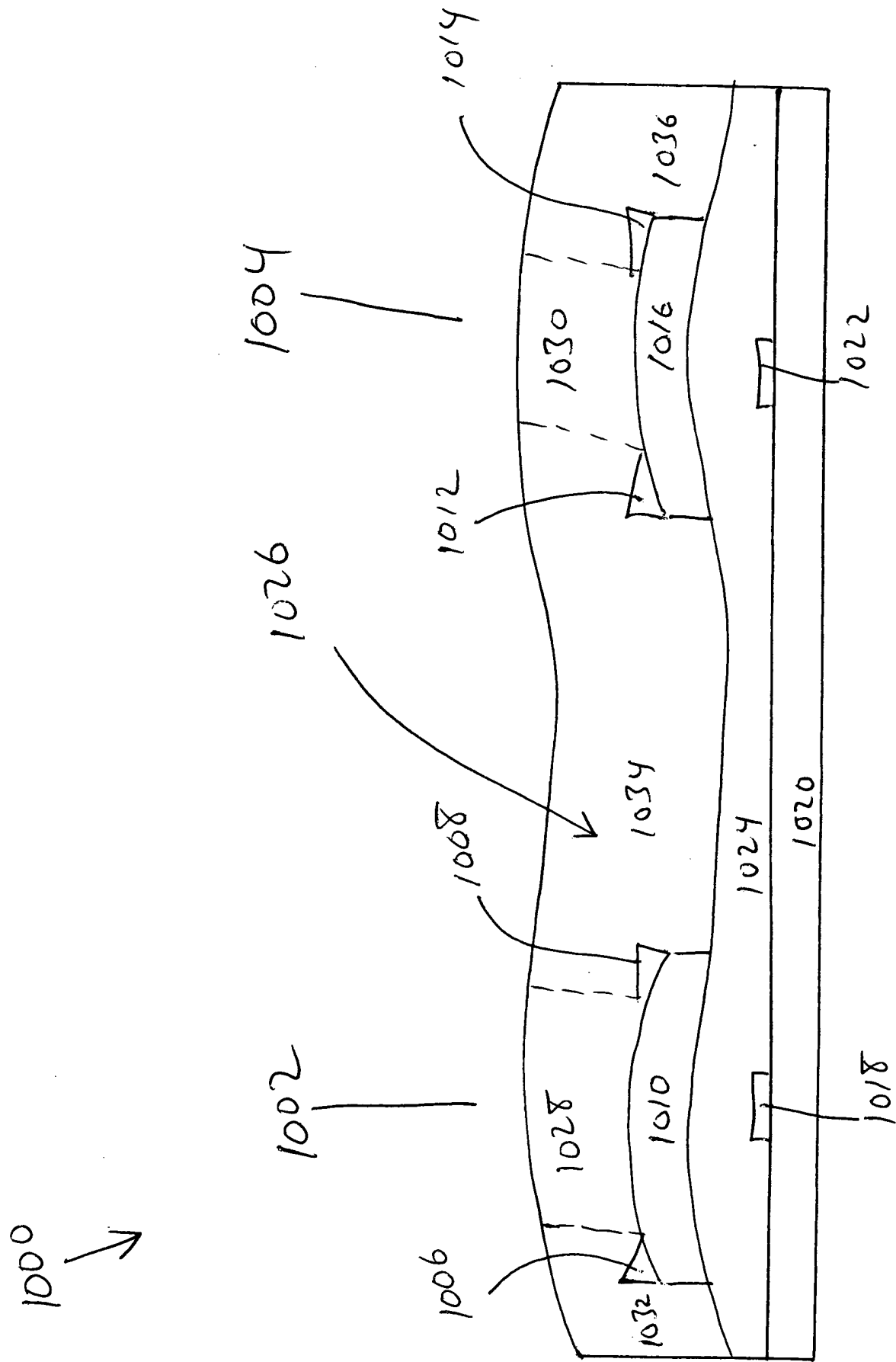
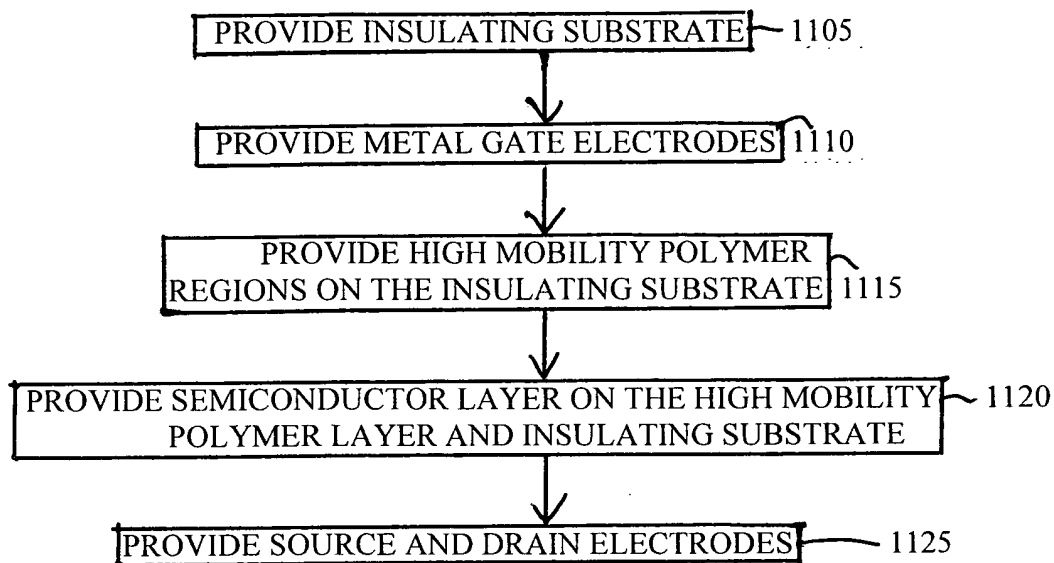


FIG. 10



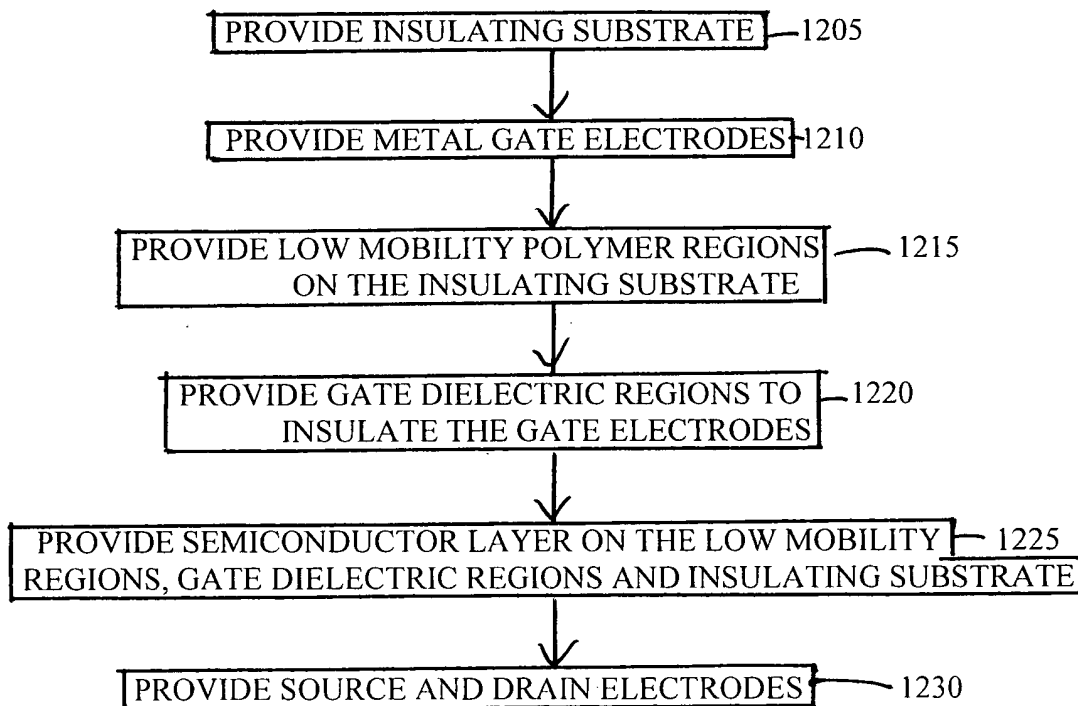
1100
↓

FIG. 11



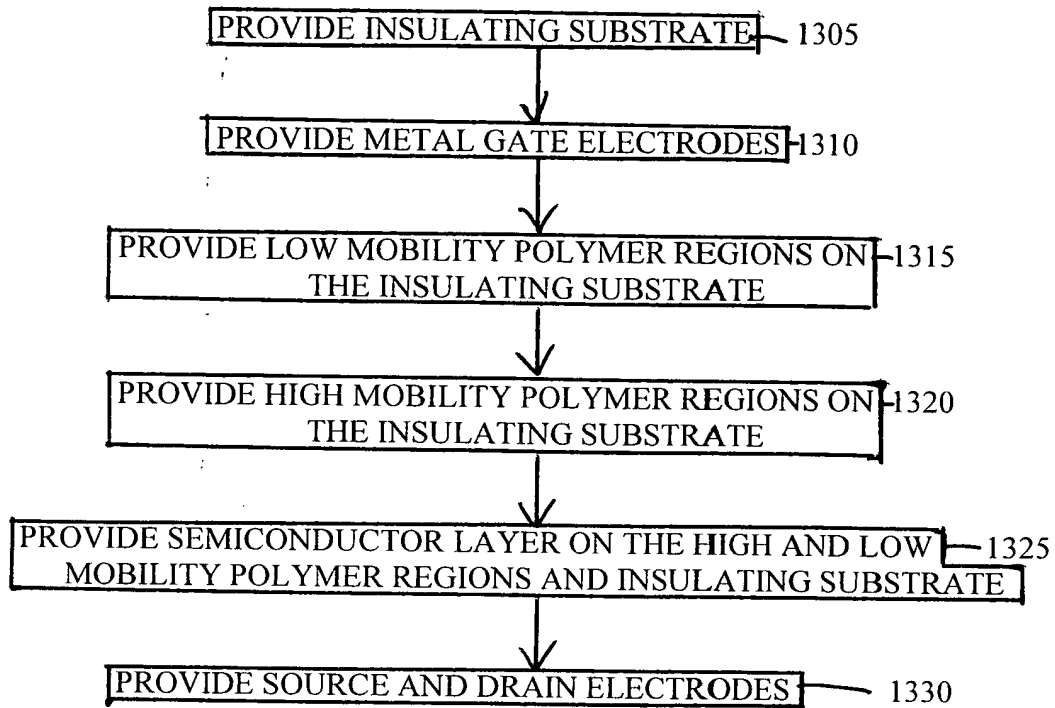
1200
↓

FIG. 12



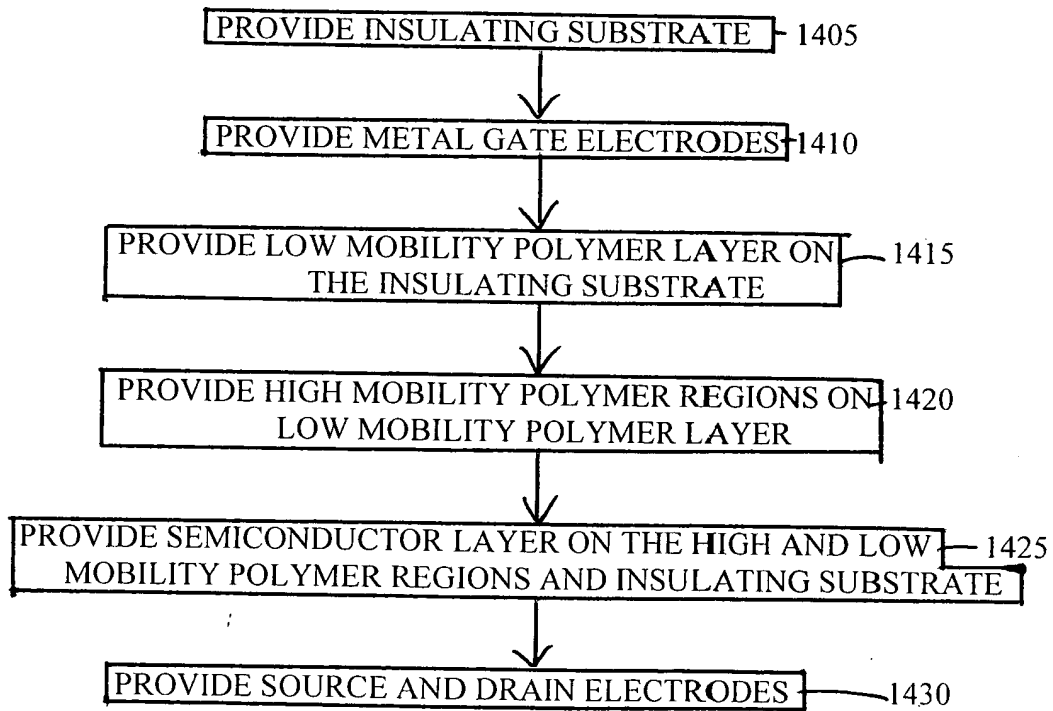
1300
↓

FIG. 13



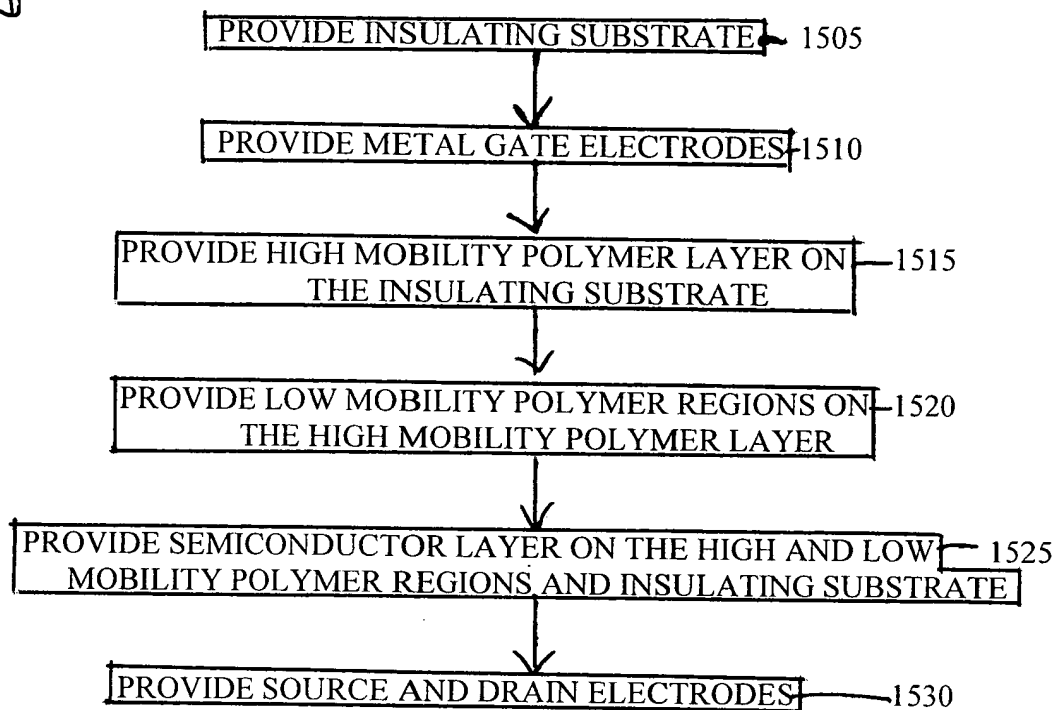
1400
↓

FIG. 14



1500
↓

FIG. 15



1600
↓

FIG. 16

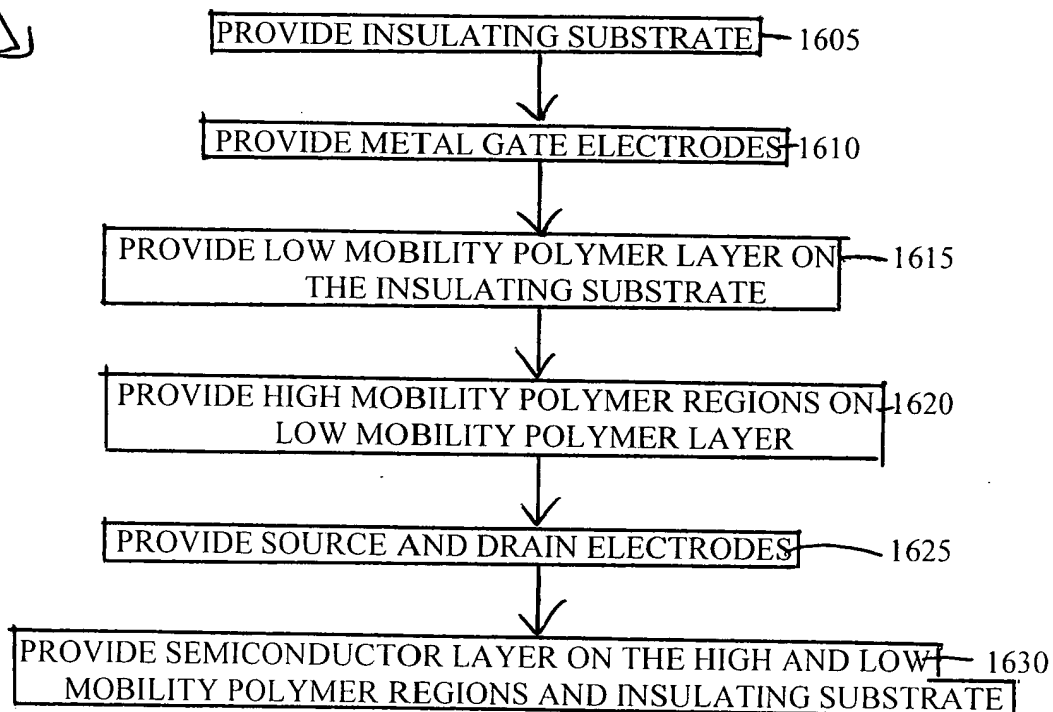


TABLE I

semiconductor	dielectric	mobility cm ² /Vs	S.D. of mobility	V threshold V	S.D. of Vt	on/off ratio	subthreshold swing V/decade	# samples	substrate T (if not ambient)
pentacene	PVPyr	1.2E+00	1.5E+00	-22	8.6	1260	9.8	11	60 deg. C
pentacene	PVDFMVE	1.9E-04	3.2E-05	-6.7	0.3	140	8.7	4	60 deg. C
pentacene	PBMA	<1E-05							60 deg. C
pentacene	PVPhenol	4.80E-01	1.50E-01	-19.9	4.2	2.00E+03	7.1	2	
pentacene	PVPhenol	1.10E+00	NA	13.9	NA	2670	2.7	1	80 deg. C
2PTTP2	PBMA	5.0E-05	7.4E-06	-14	4.1	16	5.8	5	
2PTTP2	PVPyr	4.1E-04	1.9E-04	41	3.8	523	12.6	3	
2PTTP2	PVDFMVE	2.5E-03	2.3E-03	-2.1	3.4	1320	6.2	4	
DHFTTF	PBMA	5.9E-05	5.0E-05	-9.7	14.7	19.8	24.3	3	
DHFTTF	PVPyr	3.4E-04	1.6E-04	-7.1	7.3	68	25.5	4	
DHFTTF	PVDFMVE	<1E-05							

FIG. 17